

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(receiv\$3 data compar\$3 consecutive adj bits align \$3 byte).clm.	US-PGPUB	WITH	ON	2007/12/03 07:50
L2	0	(pipeline register byte-wide bits input terminals output terminals compar\$3 control adj circuit multiplexer).clm.	US-PGPUB	WITH	ON	2007/12/03 07:51
L3	0	(pipeline register byte-wide bits input adj terminals output adj terminals compar\$3 control adj circuit multiplexer).clm.	US-PGPUB	WITH	ON	2007/12/03 07:51
L4	0	(compar\$3 consecutive data byte align\$5 match). clm.	US-PGPUB	WITH	ON	2007/12/03 07:51
S1	175631	data stream communications	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/01 15:40
S2	73373	data adj stream communications	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/01 15:40
S4	702	data adj stream adj communications	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/01 15:42

S5	10	data adj stream adj communications and data adj alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/08 14:49
S6	11189	sonet communications	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 16:50
S7	3249	comma detection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/08 14:50
S8	60	comma detection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 15:16
S9	5	comma detection and SONET	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/15 19:27
S10	39	comma detection and alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 15:23
S11	14	comma detection and alignment and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 16:44

S12	438	(370/506).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 16:45
S13	3447	synchronization SONET	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/08 16:45
S14	848	synchronization SONET alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/08 16:45
S15	843	synchronization SONET data alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/08 16:45
S16	89	synchronization SONET data adj alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/08 16:46
S17	43	comma detection and align\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 15:22
S18	41	comma detection and alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 15:13

S19	2	comma detection and align\$5 not S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 15:13
S20	1755297	align\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 15:16
S21	2553	align\$5 and comma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 15:16
S22	94	align\$5 and comma and unalign\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 15:16
S23	92	align\$5 and comma and unalign\$5 not S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/15 10:41
S24	2	align\$5 and comma and unalign\$5 not S18 and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 15:18
S25	95	comma and unalign\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/14 15:23

S26	225765	data and alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 15:24
S27	2880	data alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 15:24
S28	109568	data stream	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 15:24
S29	1308	data stream and comma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 15:24
S30	36	data stream and comma detection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/14 18:13
S31	2	("5,835,496").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/15 13:29
S32	2426	pipeline register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/15 13:29

S33	1291	pipeline register and multiplexer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/20 14:41
S34	447	pipeline register and multiplexer and align\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/15 13:30
S35	47	pipeline register and multiplexer and data align\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/15 13:36
S36	2	("6,996,735").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/15 13:36
S37	2569	(bit or byte) alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/15 19:28
S38	2	(bit or byte) (partially or fully) align\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/15 19:29
S39	316	(bit or byte) and (partially or fully) align\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/15 19:30

S40	23	((bit or byte) and (partially or fully)) align\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/15 19:30
S41	2861	breakpoint and align\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/16 10:08
S42	719	breakpoint and align\$5 and bit and byte	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/16 10:08
S43	633	breakpoint and align\$5 and bit and byte and register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/16 10:15
S44	42	breakpoint and align\$5 and bit and byte and pipeline register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/16 10:15
S45	107	compar\$4 align\$4 data adj stream	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/16 14:37
S46	9	compar\$4 align\$4 data adj stream and sonet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/16 14:48

S47	166	compar\$4 align\$4 (bit or byte) and sonet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/08/16 14:48
S48	8	compar\$4 align\$4 (bit or byte) and sonet not "9"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/08/16 14:49
S49	159	compar\$4 align\$4 (bit or byte) and sonet not S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/08/16 15:18
S50	78	Foschini.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/08/16 15:18
S51	14	((("4329708") or ("4364081") or ("5068880") or ("5535373") or ("5638518") or ("5648776"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/19 15:06
S52	2	("5081654").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 17:57
S53	4124	((compar\$4 or match\$3) same consecutive same bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:57



S54	819	((compar\$4 or match\$3) same consecutive same byte)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 10:58
S55	491	S53 and S54	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:57
S56	394	comma with detect\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:57
S57	6	S55 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 18:07
S58	187	S55 and align\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 18:09
S59	1	S57 and align\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/11 17:59
S61	5	comma detection and SONET	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 16:51

S62	1	S61 and S60	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/17 16:52
S63	478	S60 and SONET	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/17 16:52
S64	12	S60 and SONET and comma	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/17 16:52
S65	2	("7254206").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 09:31
S66	2953	(370/535,536,537,538,539,541).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 09:30
S67	2	("5081654").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 13:45
S68	2953	(370/535,536,537,538,539,541).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 13:46

S69	3362	(370/535,536,537,538,539,541,506).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 14:26
S70	8	S69 and pipeline adj register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:26
S71	3362	(370/506,535,536,537,538,539,541).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 14:26
S72	8	S71 and pipeline adj register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:41
S73	475	pipeline register same multiplexer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/20 14:46
S74	112	pipeline register same multiplexer and "370"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 15:33
S75	51	"6370613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/20 15:20

S76	821	((compar\$4 or match\$3) same consecutive same byte)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 10:59
S77	3363	(370/506,535,536,537,538,539,541).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 10:59
S78	15	S76 and S77	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:22
S79	5	((("5251239") or ("5963564"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/01 15:11
S80	5810	register same multiplexer and "370"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 15:35
S81	3363	(370/506,535,536,537,538,539,541).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/01 15:35
S82	333	register same multiplexer and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 15:35

S83	2	pipeline register same multiplexer and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 15:35
S84	2	(pipeline register) same multiplexer and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/01 15:36
S85	821	((compar\$4 or match\$3) same consecutive same byte)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:23
S86	50	S85 same align\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:52
S87	2	("20050229049").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 16:56
S88	2	("20070076624").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 16:56
S89	7	((("6560275") or ("7151783") or ("7230956"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/11 17:31

S90	5	A1 and S89	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:12
S91	3971	circuit same pipeline same register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:33
S92	3	S90 and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:31
S93	113	S91 and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:32
S94	819	circuit same (pipeline adj register)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:34
S95	58	S94 and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:33
S96	48	compar\$3 same circuit same (pipeline adj register)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 09:22

S97	1	compar\$3 same circuit same (pipeline adj register) and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 09:25
S98	494	compar\$3 same circuit same multiplexer and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 09:25
S99	3377	(370/506,535,536,537,538,539,541).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/12 12:38
S100	100	compar\$3 same circuit same multiplexer and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 09:26
S101	30807	partial same align\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 12:38
S102	3377	(370/506,535,536,537,538,539,541).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/12 12:38
S103	5	partial same align\$4 and S102	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 12:38

S104	17	(data adj stream) same (partial near6 align\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 14:48
S105	1149	multi-level same align\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 15:07
S106	1	multi-level same align\$4 same (data adj stream)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 15:07
S107	50	(data adj stream) same partial same align\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 15:08
S108	906510	(stream or data or packet or cell or frame or byte or bit) same (align\$4 or organiz\$5 or arrang\$4 or set \$4) same (compar\$5 or match\$3 or sequen\$4 or threshold or position\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 15:41
S109	29992	(stream or data or packet or cell or frame or byte or bit) same (align\$4 or organiz\$5 or arrang\$4 or set \$4) same (compar\$5 or match\$3 or sequen\$4 or threshold or position\$3) same partial\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 15:44
S110	387710	(stream or data or packet or cell or frame or byte or bit) with (align\$4 or organiz\$5 or arrang\$4 or set\$4) with (compar\$5 or match\$3 or sequen\$4 or threshold or position\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 15:46



S111	54699	(stream or data or packet or cell or frame or byte or bit) with align\$4 with (compar\$5 or match\$3 or position\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 15:47
S112	155226	(stream or data or packet or cell or frame or byte or bit) same align\$4 same (compar\$5 or match\$3 or position\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 15:47
S113	3406	(370/535,536,537,538,539,541,506).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/28 15:48
S114	247	S112 and S113	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 15:48
S115	128	S111 and S113	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 15:48
S116	48	compar\$3 same circuit same (pipeline adj register)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 17:38
S117	14	compar\$3 near3 circuit same (pipeline adj register)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 17:39

S118	97	(("20010018355") or ("20020176526") or ("20030219040") or ("20040117499") or ("20050149822") or ("20050220089") or ("20060050819") or ("20060050827") or ("20060156083") or ("20060267810") or ("20070046505") or ("4095277") or ("4251799") or ("4251865") or ("4373192") or ("4481602") or ("4498198") or ("4539652") or ("4597057") or ("4625279") or ("4803651") or ("4915546") or ("5347547") or ("5485618") or ("5570089") or ("5614901") or ("5638518") or ("5648776") or ("5699062") or ("5768422") or ("5778361") or ("5784387") or ("5796863") or ("5798757") or ("5805730") or ("5805731") or ("5835496") or ("5881009") or ("5881381") or ("5903884") or ("5907566") or ("6138086") or ("6323789") or ("6366223") or ("6393082") or ("6594275") or ("6625241") or ("7127653") or ("7287176") or ("7292161")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/28 18:01
S119	10	S118 and S111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 18:08
S120	2306	(370/470,472,473,476,506).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/29 13:00
S121	54759	(stream or data or packet or cell or frame or byte or bit) with align\$4 with (compar\$5 or match\$3 or position\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 13:09

S122	77	S121 and S120	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 13:09
S123	155375	(stream or data or packet or cell or frame or byte or bit) same align\$4 same (compar\$5 or match\$3 or position\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 13:09
S124	129	S123 and S120	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/29 13:09
S125	0	(receiv\$3 data compar\$3 consecutive adj bits align \$3 byte).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/29 13:19
S126	0	(compar\$3 consecutive data byte align\$5 match).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/29 13:21
S127	0	(pipeline register byte-wide bits input terminals output terminals compar\$3 control adj circuit multiplexer).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/29 13:23
S128	0	(pipeline register byte-wide bits input adj terminals output adj terminals compar\$3 control adj circuit multiplexer).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/11/29 13:24

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